

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2003/001488

A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : H05B 6/02, 6/46		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI & keywords: (heat+ or melt); electric field, magnetic field; dielectric heating, induction heating; oxide; and other like terms		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98/27823 A1 (CESARE FIORUCCI S.P.A., STALAM S.R.L) 2 July 1998 see whole document	1 - 21
A	WO 01/30118 A1 (THE PENN STATE RESEARCH FOUNDATION) 26 April 2001 see whole document	1 - 21
A	GB 1 120 648 A (L'ELECTRO-REFRACTAIRE) 24 July 1968 see whole document	1 - 21
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search 5 January 2004		Date of mailing of the international search report 15 JAN 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODENB ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer LARS KOCH Telephone No : (02) 6283 2551

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C (Continuation).

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Derwent abstract Accession No. 55991B/30, Class M24 Q77, SU 627299 A (TALL SHIP REPAIR) 18 August 1978	1 - 21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2003/001488

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	1998027823	AU	78698/98	EP	0946104	IT	BO960683
		US	6278093				
WO	2001030118	AU	80278/00	US	6365885		
GB	1120648	BE	673541	BE	674148	CH	439518
		CH	453519	DE	1519747	FR	1427905
		FR	1430192	GB	1122151	NL	6516634
		NL	6517050				
SU	627299	NONE					
END OF ANNEX							